



Urban District Council.

CLERK  
P. H. WEBB,  
SOLICITOR,  
WALTON-ON-THAMES

Walton-on-Thames.

7<sup>th</sup> March 1907.

Dear Sir

I have the pleasure  
to enclose a copy of the  
report of the Medical  
Officer of Health and  
Inspector of Nuisances  
for the past year.

Yours truly,

Percy H. Webb

The Librarian,

British Medical Association,

486 Strand,

W.P.



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WALTON-ON-THAMES  
URBAN DISTRICT.

MEDICAL OFFICER'S  
Sixth Annual Report.

1900

CONTENTS

- I. STATISTICS for the year. (Births and Deaths.)
- II. SUMMARY of SICKNESS and MORTALITY during the year from the SEVEN PRINCIPAL ZYMOTIC DISEASES, and from certain other Diseases to which the Infectious Diseases (Notification) Act, 1889, applies, and of the Action taken to prevent their spread.
- III. SUMMARY OF OTHER PROCEEDINGS taken, during the year, under the Sanitary Acts, &c.
- IV. APPENDIX, containing certain TABLES of *Sickness* and *Mortality*.

*Prepared in accordance with sec. 14 of the Order of the Local Government Board, dated 23rd March, 1891, Regulating the Duties of Medical Officers of Health.*



# WALTON-ON-THAMES URBAN DISTRICT.

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AREA	-	-	6860	acres.
NUMBER OF INHABITED	{	at census 1881	-	1225
HOUSES		at census 1891	-	1547
POPULATION	{	at census 1881	-	6,572
		at census 1891	-	7,988

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## *Report of the Medical Officer of Health with regard to the Year 1900.*

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### I.—Statistics for the year: (Births and Deaths.)

1. Assuming that the population of the district has increased at the same rate since the census 1891 as it did during the preceding decade, it may be estimated at 9,500 persons in the middle of the year.

2. The number of Births registered in the district during the year was 245, (as against 244 in the preceding year), which represents an Annual Birth-Rate of 25.8 per 1000 of the estimated population.

3. The number of Deaths registered in the district during the year was 125, to which must be added eighteen deaths in the Workhouse, Isolation Hospital, and County Asylum of persons belonging to the district. Deducting eight deaths in the Convalescent Institution, and elsewhere, of persons not belonging to district, there remain 135 deaths, (as against 140 in the previous year) which represent an Annual Death-Rate of 14.2 per 1000 of the estimated population. The average Death-Rate for the nine years, 1891-1900, was 13.1.

4. The Deaths of Infants under one Year were thirty-two in number, (as against 30 in the preceding year), and were at the rate of 130 per 1000 Births registered.

5. The Deaths from Pulmonary Consumption, (7 in number,) were at the rate of 7 per 1000 of the estimated population.

6. The Deaths from other Lung Diseases (Pleurisy, Pneumonia, and Bronchitis) were twenty-five in number, (as against 22 in the preceding year), and were at the rate of 2.6 per 1000 of the population. (See also Tables I and IV at the end of the Report).

7. *Influenza* was very prevalent, and caused nine deaths.



## II.—Summary of Sickness and Mortality during the year from the Seven Principal Zymotic Diseases, and from certain other diseases to which the Infectious Diseases (Notification) Act, 1889, applies, & of the action taken for preventing their spread.

1. *Smallpox*. No case of this disease was reported.
2. *Measles* caused no death.
3. *Whooping Cough* caused one death.
4. Of *Scarlet Fever* (otherwise called *Scarlatina*) there were 4 cases in three houses in the Walton Ward ; nineteen cases in thirteen houses in the Oatlands Ward ; and eleven cases in nine houses in the Hersham Ward. Thirty-one of the sick were removed to the Joint Isolation Hospital, where one of them died. None of the other cases ended fatally. As the disease continued to spread at Oatlands, in spite of the removal of all the patients to the hospital, mainly through the attendance at school of children who had had slight unrecognised attacks, the Board Schools at Oatlands were closed from December 1st until the end of the year.
5. Of *Diphtheria*, twenty-four cases were notified in fifteen houses. Twenty-three of the sick were removed to the Isolation Hospital, where two of them died. One of the illnesses also ended fatally at home. The situation of the houses, the dates of the attacks, and other particulars are shewn in the following Table :—

SITUATION OF THE PREMISES.	PERSONS ATTACKED.	DATES OF ATTACKS.	REMARKS AS TO PROBABLE SOURCE OF INFECTION AND OTHER MATTERS.
Church Road, Hersham.	Child, aged 7. Child, aged 10.	Pebruary 5. February 8.	Probable source of infection not traceable.
Crutchfield Road, Walton.	Child, aged 10. Child, aged 8.	February 21. February 26.	Ditto.
Hersham.	Child, aged 11.	February 27.	Not traceable. She died at hospital Mar. 15.
Chapel St., Walton.	Child, aged 6. Child, aged 4. Child, aged 2.	March 4. March 7. March 7.	Not traceable.
Walton Green, Walton.	Child, aged 7.	March 4.	Not traceable. He died at hospital Mar. 10.
Cottimore Lane, Walton.	Child, aged 13 Child, aged 1 $\frac{3}{4}$ .	March ? April 1.	Nature of case not suspected at first. She died on April 4.
New Road, Walton.	Child, aged 6.	April 28.	Source of infection not traceable.
Riverside, Walton.	Child, aged 4. Child, aged 2.	May 20. June 2.	Source of infection not traceable.
Church St., Walton.	A woman.	June 17.	Source of infection not traceable.
Cottimore Lane, Walton.	Child, aged 5. Child, aged 4. Child, aged 7.	July 8. July 14. July 14.	Source of infection not traceable.
Thistlecroft, Hersham.	Girl, aged 5.	July 16.	Source of infection not traceable.
Lower Green, Walton.	Boy, aged 2.	July 19.	Source of infection not traceable.
Churchfield Road, Walton	Boy, aged 8.	July 25.	Not traceable.
Berry Lane, Hersham.	Boy, aged 7. Girl, aged 2.	October 4. November 30.	Not traceable.
Pleasant Place, Hersham.	Girl, aged 15.	October 6.	Source of infection not traceable.

6. Of *Enteric* (otherwise called *Typhoid*) *Fever*, six cases were notified, at the times and places shown in the following Table :—

SITUATION OF PREMISES.	PERSONS ATTACKED.	DATES OF ATTACKS.	REMARKS.
Burwood Park Road, Hersham.	A man.	Nov. ? (bed on Dec. 1)	He may have contracted the illness out of the district, as he went to London daily and was in the Midlands in Oct. & Nov.
Walton Green, Walton.	A woman.	February 1.	The well-water was found to be impure.
Anderson's Road, Oatlands.	A man.	February 21.	Probable source of infection not traceable. He was removed to the Weybridge Cottage Hospital.
Hersham.	A boy, aged 13	March 22.	The W. C. pan was found to be broken and in a filthy condition. He worked at Esher.
Broad Lane, Hersham	A boy, aged 15.	End of May. (bed on June 5)	Probable source of infection not traceable. He died on June 12th.
Beech Rd., Oatlands.	A boy, aged 6.	September 28.	He was attacked four days after his return from Kent, where he was on a visit from Sept. 10 till Sept. 24. He died on Oct. 16.

7. *Diarrhoea* was less fatal than in the previous summer and autumn and caused three deaths, two of which were among infants.

The total number of *deaths* from these “seven principal zymotic diseases” was ten, (viz : one from Scarlet Fever, one from Whooping Cough, three from Diphtheria, two from Typhoid Fever, and three from Diarrhoea), which represents an *Annual Zymotic Death-rate* of about One per 1000 of the estimated population.

As regards the other Infectious Diseases to which the above-mentioned Act applies:—Six cases of *Erysipelas* (two of which ended fatally) were notified in six houses.

Of *Puerperal Fever*, *Continued Fever*, and *Membranous Croup*, no cases were notified.

The following further *action* was taken for preventing the spread of some of these diseases :—The houses infected with Scarlet Fever, Diphtheria, Erysipelas, or Typhoid Fever, were visited and were supplied, in some instances, with disinfectants for daily use during illness; isolation of the sick was incalculated, and was assisted by the removal of 54 of them to the Hospital; a sanitary inspection of the premises was made, and all nuisances and defects, that were discovered, were remedied as far as was practicable; the well-water when suspected, was analysed; and after the removal, or recovery, of the sick, the infected rooms and their contents were cleansed and disinfected, in most cases after service of notice by the Inspector. Infected articles were removed from 43 houses, and were disinfected by steam at the Hospital.



The number of persons admitted into the Isolation Hospital from each constituent district during the year, with the nature of their illness, is shown in the following table:—

Diseases	Chertsey Urban	Chertsey Rural	Weybridge Urban	Walton Urban	Total in 1900	Total in 1899	Total 1898	Total 1897	Total 1896	Total 1895	Total 1894	Total 1893	Total 1892	Total 1891	Total 1890	Total 1889	Total 1888	Total 1887	Total 1886	Total 1885	Total 1884	Total 1883	Total 1882
Scarlet Fever	24	23	38	31	116	72	23	36	66	46	84	117	10	26	35	12	9	29	29	14	42	32	59
Diphtheria	7	14		23	44	67	21	23	26	31	28	15	46	14	5	7	2	5	29	3	1	1	6
Typhoid Fever	2		5		7	3	9	4	1		1	1						2	5	2	1	1	2
Measles																	1						
Small Pox												1	1										
Membranous Croup	2				2																		

*Prevention of Pulmonary Consumption and of other Tuberculous Diseases.*

1. During the year, rooms vacated by consumptive persons, were disinfected, free of charge, at three houses in the district.
2. The question of employing a Veterinary Surgeon to examine the cows of the registered cowkeepers, with a view to obtaining certificates from him as to any that are suffering from tubercular disease of the udder, was not further considered during the year.

III.—Summary of other Proceedings which were taken during the year under the Sanitary Acts.

1. As to *Works of Sewerage and Sewage-disposal*. The task of laying sewers in the Hersham Ward and in certain parts of the Walton Ward, and of fixing the Machinery and carrying out the other works necessary for the disposal of the Sewage on North Weylands Farm, having been completed, the further task of connecting the house-drains with the sewers was commenced, and up to the end of the year the drains of 533 houses had been connected with the new Sewers, and the cesspools, into which they had emptied, had been filled up. At all the houses draining into these Sewers, the closets were converted into water-closets, with cisterns for flushing purposes, and the trapping, disconnecting, and ventilation of the drains was carefully attended to.
2. The Surveyors have furnished me with the following figures which show the extent to which building has been going on in the district since its formation in 1894.

	In 1895	In 1896	In 1897	In 1898	In 1899	In 1900
Number of new buildings, and of additions to buildings, for which plans were submitted for approval under the Byelaws. ... ..	58	110	123	75	124	
Number of plans of new streets, ditto, ditto...	1	3	1	2	6	
Number of times that legal proceedings were taken for breach of the Bye-laws ... ..	None	None	None	None	None	None



3. The Surveyor also informs me that the number of roads or streets, not being highways, which were metalled, paved, or otherwise “made up,” under the *Private Street Works Act*, 1892, was

8 in 1895	2 in 1897	4 in 1899
2 in 1896	2 in 1898	..... in 1900

4. An account of the *Nuisances* which were dealt with and of the results of the inspection of *Slaughter-houses*, and of *Cowsheds*, *Dairies*, *Milk-Shops*, and of the analysis of samples of water from wells in the district, and of the work done in connection with the systematic *cleansing* of *earth-closets*, *privies*, and *cesspools*, and with the *removal* of *house refuse* is given in the Sanitary Inspector’s Report.

5. During the year two bodies (as against three in the previous year) were removed to the *Mortuary* in the grave yard adjoining the church at Walton.

6. Tables of Sicknesses and Mortality, in the *new form* prescribed by the Local Government Board, are appended to the Report.

17, SPENCER PARK,  
WANDSWORTH COMMON, S. W.

E. L. JACOB.

January, 1901.

TABLE I.

[Form issued by the Local Government Board].

For Whole District.

YEAR.	Population estimated to Middle of Each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE.		DEATHS AT ALL AGES. TOTAL.		DEATHS IN PUBLIC INSTITU- TIONS.	Deaths of Non- residents registered in District.	Deaths of Residents registered beyond District.	DEATHS AT ALL AGES. NETT.	
		Number.	Rate.*	Number.	Rate per 1,000 Births registered	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1890	7850	184	23.4	10	54	96	12.2			5	101	13.0
1891	8000	224	28.0	20	90	117	14.6			7	124	15.5
1892	8100	207	25.6	24	116	107	13.2			6	113	14.0
1893	200	205	25.0	34	165	129	15.7			8	137	16.7
1894	8300	214	25.8	14	65	107	12.9	6	6	6	107	12.9
1895	8500	206	24.2	19	92	109	12.8	0		7	116	13.6
1896	8600	195	22.7	13	67	76	8.8	2	2	6	80	9.3
1897	8800	215	24.4	20	93	78	8.9	2	2	8	84	9.6
1898	9000	233	25.9	23	99	98	10.9	5	5	9	102	11.3
1899	9200	244	26.6	30	123	133	14.5	5	5	12	140	15.2
Averages for years 1890-1899	8465	213	25.2	21	97	105	12.4	2	2	7	110	13.1
1900	9500	245	25.8	32	130	125	13.1	8	8	18	135	14.2

\* Rates calculated per 1,000 of estimated population.

NOTE.—The deaths included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term “Non-residents” is meant persons brought into the district on account of illness, and dying there; and by the term “Residents” is meant persons who have been taken out of the district on account of illness, and have died elsewhere.

Total population at all ages .....		7,988	At Census of 1891.
Number of inhabited houses .....		1,547	
Average number of persons per house.....		5.1	
Area of District in acres (exclusive of area covered by water).		6,360.	

TABLE III.

[TABLE ISSUED BY THE LOCAL GOVERNMENT BOARD].

## Cases of Infectious Disease notified during the Year 1900.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.					No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY..			
	At all Ages.	At ages†—Years.					Walton Ward.	Oatlands Ward.	Hersham Ward.	Con- valescent Home.	Walton Ward.	Oatlands Ward.	Hersham Ward.	Total Removed.	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.									65 and upwards.
Small-pox ... ..															
Cholera ... ..															
Diphtheria ... ..	24	8	14	1	1	1	17		7		16		7	23	
Membranous croup ...															
Erysipelas ... ..	6			2	3	1	3		2	1					
Scarlet fever ... ..	34	9	21	3	1		4	19	11		3	18	10	31	
Typhus fever ... ..															
Enteric fever ... ..	6		2	2	2		1	2	3						
Relapsing fever ... ..															
Continued fever ... ..															
Puerperal fever ... ..															
Plague ... ..															
Totals ... ..	70	17	37	8	7	1	25	21	23	1	19	18	17	54	

NOTES.—The Localities adopted for this Table are the same as those in Table IV.

The name of the Isolation Hospital, used by the sick of the district, is the Chertsey, Walton, and Weybridge, Joint Hospital, and is situated in Chertsey Urban District.



TABLE IV.

[FORM ISSUED BY THE LOCAL GOVERNMENT BOARD].

## Causes of, and Ages at, Death during Year 1900.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN LOCALITIES (AT ALL AGES).				DEATHS IN PUBLIC INSTITUTIONS.
	All ages.	Under 1.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Walton Ward.	Oatlands Ward.	Hersham Ward.		
Small-pox ... ..												
Measles ... ..												
Scarlet fever ... ..	1			1				1				1
Whooping-cough ... ..	1	1										
Diphtheria and membranous croup.	3		1	2				1				2
Croup ... ..												
Fever { Typhus ... ..												
{ Enteric ... ..	2			1	1				1	1		
{ Other continued												
Epidemic influenza ... ..	9	1	1			4	3	4	1	3		1
Cholera ... ..												
Plague ... ..												
Diarrhœa ... ..	3	2	1					2		1		
Enteritis ... ..	2	1	1					2				
Puerperal fever ... ..												
Erysipelas ... ..	2					1	1	1				1
Other septic diseases ... ..	1						1					1
Phthisis ... ..	7				4	2	1	2		3		2
Other tubercular diseases.	3		2		1			1	1			1
Cancer, malignant disease.	8					4	4	3	3	1		1
Bronchitis ... ..	15	5				4	6	10		5		
Pneumonia ... ..	10	3	1			5	1	3	1	6		
Pleurisy ... ..												
Other diseases of Respiratory organs.												
Alcoholism {												
Cirrhosis of liver { ... ..	2	1				1				1		1
Venereal diseases ... ..												
Premature birth ... ..	8	8						4		4		
Diseases and accidents of parturition.	1					1				1		
Heart diseases ... ..	13			1	1	5	6	4	2	7		
Accidents ... ..	3	1				1	1	1	1	1		
Suicides ... ..												
Rheumatic fever ... ..	1				1					1		
All other causes ... ..	40	9	1	1		9	20	14	3	16		7
All causes ... ..	135	32	8	6	8	37	44	53	13	51		18

NOTE :—Eighteen Deaths of residents occurring beyond the limits of the district are included in this Table, and Eight Deaths of non-residents occurring in the district are excluded from it.



Walton-on-Thames Urban District Council.

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Sanitary Inspector's  
ANNUAL REPORT.

. . . FOR THE . . .

·Y·E·A·R 1900.·

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HARRY HERBERT, Assoc. San. Inst.  
Sanitary Inspector.

# Urban District Council of Walton-on-Thames.

Gentlemen,

I beg to submit the following Summary of the Sanitary Work carried out in your District during the Year ending December 31st 1900.

No. of Inspections during the year. ... ..	936
Premises where Sanitary defects were found. ... ..	268
Preliminary Notices served to abate Nuisances. ... ..	84
Statutory Notices served to abate Nuisances. ... ..	102
Premises reported to Council under Sec. 36, P. H. Act, 1875, as being without "sufficient" water closets or ashpits. ... ..	78
Notices served under Sec. 36 P. H. Act, 1875. ... ..	78
Premises in respect to which Notices have been complied with. ... ..	236
Premises where work is in progress. ... ..	42
Notices pending at end of year. ... ..	16
Legal proceedings during the year. ... ..	1
Houses respecting which "closing orders" were obtained. ... ..	4

Table showing Details of Sanitary Improvements effected during the Year.

No. of Houses cleansed and white washed. ... ..	78
Repairs to W. C. fittings. ... ..	19
Water-closets provided with new pans and flushing apparatus. ... ..	72
Sanitary dust-bins provided. ... ..	54
Additional cesspools provided. ... ..	2
Sink wastes disconnected from drains. ... ..	21
Drains cleansed, repaired, or trapped. ... ..	55
Spouts and gutterings repaired. ... ..	4
Stables paved and drained. ... ..	7
Accumulations of manure removed. ... ..	12
Roofs repaired. ... ..	9
New slop sinks provided. ... ..	14
Cases of overcrowding abated. ... ..	1
Removals of animals improperly kept. ... ..	1
Drains cut off from public watercourses. ... ..	3
Houses where minor repairs were effected. ... ..	29
New water-closets erected. ... ..	12
New privies erected. ... ..	8
Houses closed by order of Justices. ... ..	4
Houses demolished. ... ..	2

## *Main Drainage :—*

The Walton and Hersham Main Drainage System was completed early in the year, and permission to make connections to the sewers was given by the Council on the First of May. A marked improvement has been effected in the Sanitary condition of the district by the redrainage of premises and connection to the public sewers and the abolition of cesspools which were in a great many cases a perpetual source of nuisance and menace to the public health for which no effectual remedy could be devised prior to the provision of a proper system of main drainage.

The supervision of the reconstruction of house drains and connections with the public sewers was placed by the Council in the hands of your Sanitary Inspector who has thus become thoroughly conversant with the private drainage of houses in your District and the measures taken to remove the insanitary conditions previously referred to.

Table respecting Drainage Works carried out from May till the end of the Year 1900.

No. of Notices served under Sec. 23 P. H. Act, 1875.	...	...	...	66
Notices requiring redrainage of premises under Sec. 94, P. H. Act, 1875	...	...	...	6
Notices complied with.	...	...	...	54
Premises where work is in progress.	...	...	...	4
Notices pending at end of year.	...	...	...	14
Houses connected with the public sewers.	...	...	...	533

### *Infectious Disease :—*

All cases of Infectious Diseases occurring during the year were visited by your Sanitary Inspector, who reported on the several cases to the Medical Officer of Health, who personally visited most of the cases. The benefit of the Isolation Hospital is now so much appreciated by the residents of your district that your Inspector and the local medical practitioners have no difficulty in persuading those in charge of patients suffering from Infectious Disease to consent to the removal of the patients to that institution.

This course tends in the majority of cases to the welfare of the patients themselves and in every instance is a decided benefit to the community by having a source of infection removed from their midst. This has been largely brought about by the widespread testimony of the patients, and their relatives, of the kind and skilful treatment of inmates of the Hospital. Your Inspector has not received a single complaint of any unkindness or neglect of any patient while an inmate of the Isolation Hospital.

Disinfectants have been supplied gratis in many cases to householders where Infectious Disease has occurred. All infected articles of clothing and bedding are removed to the Isolation Hospital and disinfected by steam. When the patients are removed to the Hospital the disinfection of the rooms previously occupied by the patients is carried out by men sent from the Hospital for that purpose.

In cases where the patients have been treated at home, the disinfection of the rooms is done by your Inspector. In consequence of the prevalence of Scarlet Fever in Oatlands Park your Medical Officer of Health certified under the Infectious Disease Prevention Act, that the disinfection of the Oatlands Park Girls and Infants Schools "would tend to check or prevent the spread of Infectious Disease." The work of disinfecting the schools was carried out under the direction of your Inspector, at the request of the School Board who paid the expenses incurred. It is significant that since this step was taken there have been no further cases of Infectious Disease in Oatlands Park. Upon the recommendation and certificate of the Medical Officer of Health notices were served in Seven cases to strip, cleanse, and whitewash infected rooms in private houses. These Notices were speedily complied with by the persons responsible.

### *Water Supply :—*

As directed by the Council your Inspector submitted Ten samples of water taken from wells to Mr. W. POWER, F. I. C., for Analysis. Every sample was certified by the Analyst to be "unfit for drinking and domestic purposes."



In 4 instances Notices were served to clean out the wells ; there being no water mains in the locality ; while in 4 other cases Notices were served requiring the water to be laid on to the premises from the mains of the West Surrey Water Company. These Notices were all complied with.

The water from the public pump near the Plough Inn, Walton, was also analysed and found to be unfit for drinking. The well was cleaned out and the water again sampled and analysed but the water showed no improvement and the well was subsequently closed by order of the Council.

The redrainage of private houses has also been the means of providing a proper supply of water to many houses, the water having to be laid on in every instance to supply the flushing apparatus of the closets with a constant supply.

At the closing of the year the laying on of the Companys water to 30 houses at Apps Court was in progress ; the water mains having been extended to this district by arrangement between the Council and the West Surrey Water Company.

#### *Cowsheds and Dairies :—*

The number of Cowsheds and Dairies on the Register is 11, of which 4 are Dairies only. All the premises have been inspected during the year by the Medical Officer of Health and your Inspector. In all cases where the water supply was derived from wells the water was analysed and in 4 cases the wells were ordered to be cleaned out, which was done (there being no Water mains in the locality) ; and in 2 instances a proper supply of water was laid on from the mains of the West Surrey Water Company.

Several improvements have been effected during the year, 4 Cowsheds having had the Paving renewed or repaired and 3 Cowsheds have been redrained. One Dairy has also had paving repaired. All the premises have been limewashed, and the work of repaving and redraining one set of cowsheds is in progress.

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## SCAVENGING & CLEANSING DEPARTMENT.

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The work of emptying Cesspools, removal and cleansing of Tub-closets, and the collection of House-refuse has again been undertaken by the Council. The work has been carried out under the supervision of your Sanitary Inspector, and the staff employed consists of a Sanitary Foreman and 12 men and 7 horses.

The work of emptying cesspools shows a marked diminution during the third and fourth Quarters of the year owing to the large number of houses which have been re-drained and connected to the new drainage system. The tub-closets have been emptied twice a week throughout the year, except in the out-lying districts where a weekly removal has been carried out.

The amount of House-refuse to be collected and disposed of continues to increase with the growth of the district, 89 new houses having come into occupation during the year. The only means of disposal of the House-refuse at present is by filling up disused gravel pits, which cannot be regarded as entirely satisfactory although every precaution has been taken to prevent any nuisance, the refuse being covered over with soil every day.

As each pit becomes filled up a fresh "shoot" has to be found, causing a variation in the amount of dust collected in a day, thus preventing a systematic arrangement of the work.



The lessening of work in other departments has enabled more time to be given to the removal of house-refuse, which has been carried out more satisfactorily than has hitherto been possible.

The only satisfactory means of disposing of the contents of ashpits and dust bins appears to be by burning in a specially designed Destructor which it is hoped the Council will shortly consider the advisability of erecting in as central a position as possible.

The following Table shows the Amount of Work done by the Scavenging and Cleansing Department during the Year 1900.

1900	No. of Loads of House Refuse removed.	No. of Cesspools emptied.	No. of Loads removed from cesspools.	No. of Loads of Sanitary Tubs removed.	No. of Tubs emptied and cleansed.
1st. Quarter	794	936	2301	312	6552
2nd. „	822	953	2122	312	6240
3rd. „	889	711	1465	286	5434
4th. „	880	480	964	260	4680
TOTALS.	3385	3080	6852	1170	22906

I am, Gentlemen,

Your obedient servant,

HARRY HERBERT, Assoc. San. Inst.  
Sanitary Inspector.

